

In the Claims:

1. (Currently Amended). A combination of nucleic acids composition of matter consisting of comprising a first nucleic acid having a nucleotide sequence of SEQ ID NO. 2 and a second nucleic acid having a nucleotide sequence of SEQ ID NO. 3.

2. (Currently Amended). A combination of nucleic acids composition of matter for detecting a target sequence comprising a first nucleic acid ~~comprising~~ having a nucleotide sequence of SEQ ID NO. 2, a second nucleic acid ~~comprising~~ having a nucleotide sequence of SEQ ID NO. 3, and a third nucleic acid sequence having a nucleotide sequence selected from the group consisting of SEQ ID NO. 4 and SEQ ID NO. 5.

3. (Currently Amended). A method of amplifying a β 2 adrenergic receptor target sequence comprising the steps of:

(a) forming a reaction mixture comprising nucleic acid amplification reagents, the combination of nucleic acids composition of matter of claim 1, and a test sample suspected of containing [a] the target sequence; and

(b) subjecting the mixture to amplification conditions to generate at least one copy of the target sequence.

4. (Currently Amended). A method for detecting a target sequence in a test sample comprising the steps of:

(a) forming a reaction mixture comprising nucleic acid amplification reagents, the combination of nucleic acids of claim 1 ~~composition of matter of claim 1~~, and a test sample suspected of containing a target sequence;

(b) subjecting the mixture to amplification conditions to generate an amplification product;

(c) hybridizing a probe having a nucleotide sequence selected from the group consisting of SEQ ID NO. 4 and SEQ ID NO. 5 to the amplification product to form a hybrid; and

(d) detecting the hybrid as an indication of the presence of the target sequence in the test sample.

5. (Currently Amended). A kit for amplifying a β 2 adrenergic receptor target sequence comprising:

(a) a first nucleic acid having a nucleotide sequence of SEQ ID NO. 2 and a second nucleic acid having a nucleotide sequence of SEQ ID NO. 3; and

(b) amplification reagents.

6. (Canceled).